

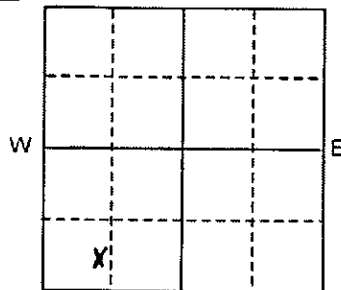
## SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location SW ¼ SW ¼ Sec 22 Twp 32N Rg 4ECounty Clay

North

Please mark well location with an 'X'



Well Completion Date

August 14, 2019

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?

8,200.0 ft. from Farm in Section 14 (identify source)

## PROPOSED USE:

☐ Domestic/Stock ☒ Municipal ☐ Business ☐ Test holes  
☐ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

## METHOD OF DRILLING:

Reverse circulation

## CASING DATA:

☒ Steel ☐ Plastic ☐ Other

If other describe

| PIPEWEIGHT  | DIAMETER | FROM    | TO      | HOLE DIAMETER |
|-------------|----------|---------|---------|---------------|
| 189.7 LB/FT | 36.00 IN | 10.0 FT | 82.0 FT | 48.00 IN      |
| LB/FT       | IN       | FT      | FT      | IN            |
| LB/FT       | IN       | FT      | FT      | IN            |

## GROUTING DATA:

| Grout Type  | No. of Sacks | Grout Weight | From    | To      |
|-------------|--------------|--------------|---------|---------|
| Neat Cement | 69           | 10.0 Lb/gal  | 12.0 Ft | 20.0 Ft |
|             |              | Lb/gal       | Ft      | Ft      |

Describe grouting procedure  
Pumped using tremie pipe.

## SCREEN:

☐ Perforated pipe ☒ Manufactured
Diameter 36.00 Inches Length 35.0 FeetMaterial Stainless steel wire wrapSlot Size 0.050" Set From 82.0 Feet to 117.0 FeetOther information SST plate attached to bottom of screen.WAS A PACKER OR SEAL USED? ☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

## DISINFECTION: Was well disinfected upon completion?

☒ Yes, How? w/50 ppm residual☐ No, Why Not?

Lab to which water quality sample sent for analysis

Public Health Lab in Sioux FallsWell Owner: Lewis & Clark Regional Water System

Business Name:

Address: 46986 Monty StreetCity, State, Zip: Tea SD 57064

## WELL LOG:

| FORMATION                          | DEPTH |     |
|------------------------------------|-------|-----|
|                                    | FROM  | TO  |
| Fill, clay and debris (trees)      | 0     | 16  |
| Gray clay                          | 16    | 22  |
| Fine-medium brown sand             | 22    | 48  |
| Gray clay                          | 48    | 51  |
| Fine-medium gray sand              | 51    | 77  |
| Med-coarse gravel                  | 77    | 87  |
| Coarse sand to fine gravel         | 87    | 97  |
| Med-coarse sand w/gravel & cobbles | 97    | 107 |
| Fine gray sand                     | 107   | 117 |

STATIC WATER LEVEL 23.0 FEET

If flowing: closed in pressure \_\_\_\_\_ PSI

GPM flow \_\_\_\_\_ through \_\_\_\_\_ Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other \_\_\_\_\_

Reduced flow rate \_\_\_\_\_ GPM

Can well be completely shut in?

## WELL TEST DATA:

☒ Pumped Describe: Completed 8-hour step test followed by a 72-hour constant-rate test at 2400 gpm.  
☐ Bailed  
☐ Other

Pumping Level Below Land Surface

34.3 Ft. After 72.0 Hrs. pumped 2,100.0 GPM

\_\_\_\_\_ Ft. After \_\_\_\_\_ Hrs. pumped \_\_\_\_\_ GPM

If pump installed, pump rate: 2,034.0 GPM

## REMARKS

This well is LCRWS Well 03-01.

The well casing was cut off approximately 10' below existing grade after completion to allow for installation of a below-grade vault by others.

This well was drilled under license # 513 and this report is true and accurate.Drilling firm: Layne Christensen Company

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: 12-9-19

RECEIVED

DEC 11 2019

WATER RIGHTS PROGRAM

# Lewis & Clark RWS

Well Sites C & D

## Legend

-  LCRWS Well
-  Well Site C
-  Well Site D

42.736405°  
-96.953844°

LCRWS Well 06-06

42.734201°  
-96.953181°

LCRWS Well 06-05

42.731426°  
-96.952641°

LCRWS Well 06-02

42.729494°  
-96.952235°

LCRWS Well 03-01

Well Site C

Well Site D

19

Google Earth

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1000 ft